

Publications

Dr Mphaphathi Masindi Lottus

PUBLICATIONS

- **Mphaphathi, M.L.**, O'Neill, H.A. & Nedambale, T.L. (2022). Effect of two different permitting and combination of cryoprotectants on cattle oocytes maturation rate following Brilliant cresyl blue exposure. American Journal of Animal and Veterinary Sciences. (2022). 17(2), 101-107. <https://doi.org/10.3844/ajavsp.2022.101.107>
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- Nethenzheni LP, **Mphaphathi ML**, Madzhie LR, Negota NC, Kalonji PVM, Nedambale TL, and Barry DM. (2021). Effect of Bioxcell® and Triladyl® extenders and removal of seminal plasma on equilibrated and cryopreserved semen from south african unimproved indigenous bucks. *Journal of Bacteriology and Mycology*, 8(1): 1164.
- Netshirovha, T.R., Umesiobi, D.O., Matabane, M.B., **Mphaphathi, M.L.**, Pilane, C.M., Thomas, S.R., Sebothoma, P., Kanengoni, A.T. and Nedambale, T.L. (2020). Improvement of Kolbroek boar growth performance and carcass quality through dietary crude protein supplementation. *Open Journal of Animal Sciences*, 10, 502-513. <https://doi.org/10.4236/ojas.2020.103031>.
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- **Masindi L. Mphaphathi**, Mokgadi M. Seshoka, Dibungi Luseba, Benjamin Sutherland, Tshimangadzo L. Nedambale. 2016. The characterisation and cryopreservation of Venda chicken semen. *Asian Pacific Journal of Reproduction*. 5(2):132-139. <https://doi.org/10.1016/j.apjr.2016.01.009>
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PUBLISHED BLOG/ NON PEER REVIEWED PUBLICATIONS

- Thabang Magopa, **Masindi Mphaphathi**, **Thendo Mulaudzi** and Tshimangadzo Nedambale. Sexed semen in dairy production. THE DAIRY MAIL, May 2022. Page 99 to 101. <https://www.agriconnect.co.za/tdm-digital-magazines/>
- **Masindi Mphaphathi**, Dimpho Sebopela, and Tshimangadzo Nedambale. The impact of heat stress on oocyte quality. THE DAIRY MAIL, January 2022. <https://www.agriconnect.co.za/tdm-digital-magazines/>
- Mphaphathi Masindi Lottus and Nedambale Tshimangadzo Lucky. Cattle oocytes cryopreservation. THE DAIRY MAIL, October 2021, Page 90 to 91. <https://www.agriconnect.co.za/tdm-digital-magazines/>
- **Masindi Mphaphathi**, Mbali Sithole and Tshimangadzo Nedambale. The effectiveness of *in vitro* maturation media with dairy cow oocytes. THE DAIRY MAIL, September 2021, Page 91 to 94. <https://www.agriconnect.co.za/tdm-digital-magazines/>
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PRESENTATIONS AND PROCEEDINGS AT CONFERENCES/SYMPOSIUM MEETING

- **Mphaphathi M. L.**, Sithole S. M., Sebopela M. D., O'Neill H, Nedambale T. L., 2022. Effect of different concentration of dimethyl sulfoxide cryoprotectant on oocyte maturation rate following brilliant cresyl blue exposure. International Embryo Technology Society (IETS), Reproduction, Fertility and Development 34, 309-310. Virtual Meeting, January 10-13. <https://doi.org/10.1071/RDv34n2Ab143>
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- Tsholofelo Welheminah Tongwane, **Masindi Mphaphathi**, Tshimangadzo Nedambale. Comparison of different semen extenders and liquid preservation temperatures on sperm motility of Kolbroek boars' semen. The 58th annual meeting of the Society for Cryobiology, CRYO 2021, virtual meeting, July 20-23.
- Mahlatsana R. Ledwaba, **Masindi L. Mphaphathi**, Mamonene A. Thema, Cyril M. Pilane *, Tshimangadzo L. Nedambale. Investigation of the antioxidant capacity of dithiothreitol and glutathione on Large White boars semen during cryopreservation. The 58th annual meeting of the Society for Cryobiology, CRYO 2021, virtual meeting, July 20-23.
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- Evaluation of factors influencing timed artificial insemination in South African communal cows. Z. C. Raphaelalani, T. L. Nedambale, **M. L. Mphaphathi**, M. M. Seshoka, M. Nkadimeng, M. A. Bopape, F. L. Seolwana, M. H. Mapeka, F. V. Ramukhithi and K. A. Nephawe. *Reproduction, Fertility and Development* (30)1 147-148. 2018.
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